



Issue 251 August 20th, 2022

**Editor's Note:** ARW is once again excited to be simulcast each week on [AmateurRadio.com](https://AmateurRadio.com). Thanks to Matt, W1MST for opening up ARW to a larger audience.  
-Cale K4HCK

## Top links

### [APRS and voice repeater on ISS now operating simultaneously](#)

Simultaneous operations of the ARISS voice repeater and digital APRS communications on the Space Station is now a reality.

[ARRL](#)

### [Inaugural Young Amateurs Radio Club Event](#)

The inaugural Worked All YARC Zones event from September 1st to September 15th.

[YARC](#)

### [Tape measure antenna efficiency](#)

Scrape the yellow paint and make a copper bath if high radiation performance is desired.

[LU2ARZ](#)

### [Volunteer Monitor program report for July 2022](#)

Notices for unlicensed operation on 2-meter amateur frequencies were sent to two logging companies in Kettle Falls, Washington.

[ARRL](#)

### [Mini AM radio transmitter kit](#)

A tiny \$25 mediumwave transmitter kit.

[SWLing Post](#)

### [An off-grid wind and solar powered satellite image receiver](#)

A very impressive remote off-grid radio satellite image receiver setup by DO3MLA.

[RTL-SDR.com](#)

### [Lightweight choke balun](#)

A Choke balun using RG-316.

[KK4Z](#)

## This weekend: International Lighthouse Lightship Weekend

The ILLW attracts over 500 lighthouse entries located in over 40 countries.

[ILLW](#)

## Five types of operators you should want to be

Here are five examples that you can aspire to.

[OnAllBands](#)

## Starlink ground stations successfully hacked

The hack is a modchip with an RP2040 and a MOSFET that crowbars the power rails.

[Hack A Day](#)

## Video

### Radio assembly line 1942 Holland

The Erres KY-418 radio set assembly line.

[YouTube](#)

### Vintage SONY Japan manufacturing plants

Snapshots of Trinitron TV, video tape recorder, semiconductors, and more.

[Computer History Archives Project](#)

### CornTenna QRP SSB

Today we find out if a green stalk of corn has enough conductance to radiate a 5 Watt QRP signal.

[K0KLB](#)

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## Classifieds

[Handheld Radio Field Guide](#): just the info you need to program over 80 handheld VHF/UHF radios from the keypad for repeater operation. Great for new ham classes/instructors/public service/emcomm!

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[100 foot length of LMR-400 feed line with PL-259 connectors on each end.](#)

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Emergency two-way radios for SHTF prepping. 5, 7, and 8 Watt [Amateur Radio HTs](#).

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73

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